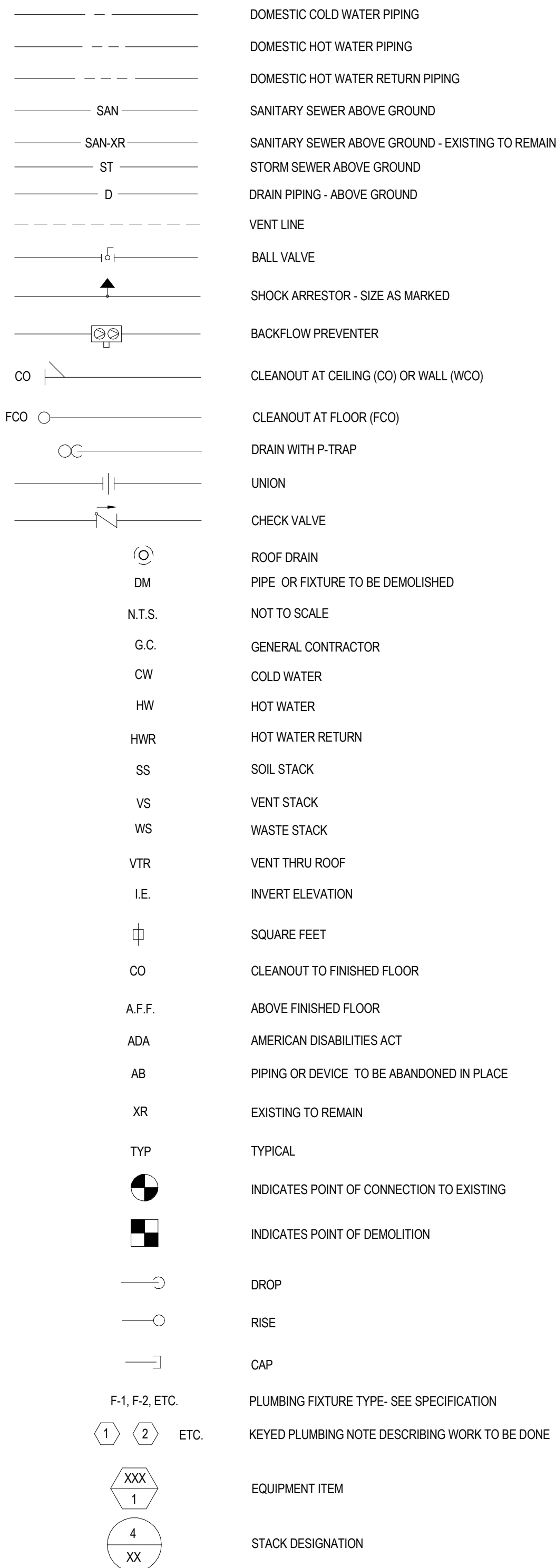


PLUMBING SYMBOLS AND ABBREVIATION LEGEND



PLUMBING FIXTURE SCHEDULE

SEE SPECIFICATIONS FOR FIXTURE TYPE DESCRIPTION

| TYPE | DESCRIPTION | SIZE | | | | | COMMENTS |
|--------|---------------------------|---------|-------|------|------|------|---|
| | | FIXTURE | WASTE | VENT | HW | CW | |
| W-1 | WATER CLOSET | ---- | 4" | 2" | ---- | 1" | WALL MOUNTED |
| L-1:HC | WATER CLOSET - ACCESSIBLE | ---- | 4" | 2" | ---- | 1" | WALL MOUNTED, ADA HEIGHT BOWL |
| L-1:HC | LAVATORY - ACCESSIBLE | ---- | 2" | 2" | 1/2" | 1/2" | WALL HUNG, SENSOR FAUCET (BATTERIES) - ACCESSIBLE |
| U-1:HC | URINAL - ACCESSIBLE | ---- | 3" | 2" | ---- | 1" | WALL HUNG, SENSOR FAUCET (BATTERIES) - ACCESSIBLE |
| MB-1 | MOP BASIN | ---- | 4" | ---- | 1/2" | 1/2" | PROVIDE MOP HOOK |
| S-1 | STAINLESS STEEL SINK | ---- | 2" | 2" | 1/2" | 1/2" | COUNTER MOUNTED - DOUBLE BOWL |
| S-2 | STAINLESS STEEL SINK | ---- | 2" | 2" | 1/2" | 1/2" | COUNTER MOUNTED - SINGLE BOWL |

MISCELLANEOUS EQUIPMENT AND SPECIALTIES

| TAG | DESCRIPTION | WASTE CONN | VENT CONN | HOT WATER | COLD WATER | REMARKS |
|---------|----------------------------|------------|-----------|-----------|------------|---------------------------------|
| SA | SHOCK ARRESTOR | | | | | SIZED PER FIXTURE UNIT CAPACITY |
| FD-1 | FLOOR DRAIN | 4" | | | | PROVIDE FUNNEL |
| FD-1-TP | FLOOR DRAIN W/ TRAP PRIMER | 4" | | | 1/2" | PROVIDE 1/2" CW CONNECTION |
| RD-1 | ROOF DRAIN | | | | | |

PLUMBING PIPING INSULATION SCHEDULE

| DESCRIPTION | PIPE SIZE | INSULATION THICKNESS | TYPE | COMMENTS |
|---------------------------|----------------|----------------------|---------------------------------------|--|
| DOMESTIC HOT WATER | UP TO 1-1/2" | 1" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC HOT WATER | OVER TO 1-1/2" | 1-1/2" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC HOT WATER RETURN | UP TO 1-1/2" | 1" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC COLD WATER | ALL SIZES | 1" | MINERAL FIBER OR FLEXIBLE ELASTOMERIC | |
| CONDENSATE DRAIN PIPING | ALL SIZES | 1/2" | PVC P-TRAP AND SUPPLY COVERS | PROVIDE FOR DOMESTIC WATER SUPPLIES AND STOPS FOR ACCESSIBLE FIXTURES. |

DEMOLITION LEGEND

— — — INDICATES PIPING TO BE REMOVED

 INDICATES FIXTURE, OR EQUIPMENT TO BE REMOVED

GENERAL PLUMBING NOTES

1. ALL WORK SHOWN IS NEW UNLESS INDICATED OTHERWISE.
2. ALL EXISTING SERVICES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS.
3. CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE WHICH MIGHT OCCUR DUE TO THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY SERVICES, INCLUDING WORK IN EXISTING PIPE CHASES.
4. ALL EXISTING PLUMBING LINES, RISERS, ETC. ENCOUNTERED DURING ALTERATIONS, WHETHER INDICATED OR NOT, SHALL BE DETERMINED TO BE ACTIVE OR INACTIVE BY THIS CONTRACTOR, PRIOR TO COMMENCING ANY WORK. IF LINES ARE ACTIVE THEY SHALL BE OFFERED FOR REPAIR OR RELOCATION TO THEIR ORIGINAL LOCATIONS. OFFSETS SHALL BE OF THE SAME SIZE AND MATERIAL AS EXISTING, INCLUDING ANY INSULATION. REMOVE ALL USELESS AND INACTIVE PIPING BACK TO THE MAIN STACK OR RISER, AND CAP ALL USELESS HOLES IN WALLS AND CEILINGS SHALL BE PATCHED TO MAINTAIN FIRE RATING. ALL SUCH WORK SHALL BE RECORDED ON THE RECORD DRAWINGS.
5. THE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR MUST FIELD VERIFY ACTUAL CONDITIONS AT THE SITE PRIOR TO PROCEEDING WITH THE WORK. COORDINATE INSTALLATION OF ALL NEW PIPING, EQUIPMENT, ETC. WITH ALL OTHER TRADES.
6. PATCH ALL OPENINGS IN EXISTING CONSTRUCTION WHERE PLUMBING PIPING HAS BEEN REMOVED, OR WHERE PLUMBING PIPING TO REMAIN IS NOT SEALED. MAINTAIN EXISTING RATING.
7. COORDINATE LOCATIONS OF FLOOR DRAINS IN MECHANICAL ROOM WITH ACTUAL EQUIPMENT BEING INSTALLED.
8. ALL HORIZONTAL SANITARY DRAINAGE PIPING IS PITCHED AT 1/4"FT UP TO 3" DIA., 1/8"FT FOR 4" DIA. TO 8" DIA, LARGER SIZES AS NOTED. ALL VERTICAL SANITARY PIPING IS PITCHED AT 1/8" FT FOR 4" DIA. TO 8" DIA, LARGER SIZES AS NOTED.
9. THE PLUMBING DRAWINGS DO NOT INDICATE ALL STRUCTURAL BEAMS, COLLARS OR EXIST SIZES. SOME DEVIATIONS TO THE PIPING LAYOUT MAY BE REQUIRED. COORDINATE ACTUAL LOCATIONS OF THE PLUMBING LINES DURING CONSTRUCTION.
10. CONTRACTOR TO COMPLY WITH ALL WATER AND SEWER REQUIREMENTS SET FORTH BY THE AUTHORITY HAVING JURISDICTION.
11. INSTALL NEW CLEANOUT MARKER ON EXISTING CLEANOUTS THAT WILL BE COVERED WITH NEW CARPET IDENTIFY ALL CLEANOUTS ON RECORD DRAWINGS.
12. ALL END OF RUN SANITARY PIPING SHALL BE A MINIMUM OF 18" BELOW FINISHED FLOOR.

GENERAL PLUMBING DEMOLITION NOTES:

1. WHERE EXISTING FIXTURES AND EQUIPMENT ARE DISCONNECTED AND REMOVED BY EITHER THE GENERAL CONTRACTOR OR BY THE PLUMBING CONTRACTOR, THE PLUMBING CONTRACTOR SHALL CAP WATER AND PUGL WASTE, SOIL OR VENT LINES IN WORK AREAS AND FLOOR AREAS.
2. REMOVE ALL PIPING THAT IS NOT PART OF THE REMODELED SYSTEM IN THE EXISTING BUILDINGS. REMOVE CONCEALED PIPING NOT PART OF THE REMODELED SYSTEM IN THE EXISTING BUILDINGS COMPLETELY "DEAD". WHERE CONCEALED PIPING IS IN EXISTING WALLS OR PARTITIONS TO BE REMOVED OR INTERFERING WITH THE REMODELING CONTRACTOR, THE PLUMBING CONTRACTOR SHALL REMOVE PIPING AND REMAINING PIPING COMPLETELY "DEAD" OR RELOCATE PIPING IF IT IS PART OF THE REMODELED SYSTEM.
3. REMOVAL OF EXISTING PIPING SHALL INCLUDE ALL HANGERS AND HARDWARE.
4. EXISTING PIPING SHOWN ON THE DEMOLITION DRAWINGS IS BASED ON EXISTING DOCUMENTS PROVIDED. THEY GENERALLY INDICATE THE LOCATIONS OF PIPES TO BE REMOVED. CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND BE RESPONSIBLE FOR FIELD CONDITIONS.
5. ANY ADDITIONAL PLUMBING FIXTURES, EQUIPMENT, PIPING, AND ACCESSORIES THAT ARE NOT SHOWN, BUT ARE REQUIRED TO BE REMOVED, SHALL BE REMOVED BY THE PLUMBING CONTRACTOR AT THEIR EXPENSE. CONTRACTOR SHALL PROVIDE FOR INDIVIDUAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.

FULLY SPRINKLERED BID DOCUMENTS

[illegible]